

4TH EDITION OF

CHEMISTRY WORLD CONFERENCE

*Evolutionizing Chemistry: Unveiling Breakthroughs
to Shape Future Objectives*



Our OCMs



BRIAN BLAGG
University of Notre Dame,
United States



YONG-XIAO WANG
Albany Medical College,
United States



GERARD COQUEREL
University of Rouen Normandy,
France



JEAN MARUANI
LCP-MR / CNRS, France



PIER GIORGIO RIGHETTI
Milan Polytechnic, Italy



ALEXANDER
BAGATURYANTS
Russian Academy of Science,
Russian Federation



THOMAS J WEBSTER
Hebei University of Technology,
China

Scientific TOPICS

- Analytical and bioanalytical Chemistry
- Medicinal Chemistry and Drug Discovery
- Nanoscience and Materials Chemistry
- Structural Chemistry
- Chemical Engineering
- Future Scope of Chemistry
- Catalysis and Reaction Engineering
- Biochemistry
- Organometallic Chemistry
- Electrochemistry
- Environmental and Green Chemistry
- Forensic and Clinical Chemistry
- Marine and Geo Chemistry
- Industrial Chemistry
- Nutrition and Food chemistry
- Organic and Inorganic chemistry
- Petrochemistry
- Physical Chemistry and Theoretical Chemistry

 **17-19** JUN 2024



Paris, France | Hybrid Event



Contact us: Email: chemistry@magnusconference.com | Website: <https://chemistryworldconference.com/>

Phone: +1 (702) 988 2320 | **Whatsapp:** +1 (640) 666 9566

TENTATIVE PROGRAM

Keynote Presentations

Brian Blagg University of Notre Dame, United States	Title: The design and development of isoform-selective inhibitors of Hsp90
Yong-Xiao Wang Albany Medical College, United States	Title: Novel therapeutics for common and devastating chronic obstructive pulmonary disease
Gerard Coquerel University of Rouen Normandy, France	Title: Transfer of chirality: From supramolecular chirality to intrinsic chirality and vice versa
Jean Maruani LCP-MR / CNRS, France	Title: Quantum theory concepts and biological evolution paths from structure waves in biopolymers
Pier Giorgio Righetti Milan Polytechnic, Italy	Title: Stroboscopic flashes on the netherworld
Alexander Bagaturyants Russian Academy of Science, Russian Federation	Title: Theoretical modeling in organic nanophotonic
Thomas J Webster Hebei University of Technology, China	Title: Artificial intelligence for the design of Improved bio chemistries
Mohamed El Far Mansoura University, Egypt	Title: Photodynamic therapy of tumors using lasers from bench to clinical applications: An overview of our 40 years experience

Oral Presentations

Jerry T. Thornthwaite Cancer Research Institute of West Tennessee, United States	Title: Nutrananospheres for nutraceutical delivery systems
Hossein Hosseinkhani Matrix HT Inc., United States	Title: Artificial intelligence (AI) in biomedical engineering
Srinivasan Jayakumar Rensselaer Polytechnic Institute, United States	Title: Identification of transthyretin tetramer kinetic stabilizers to inhibit retinol-dependent RBP4-TTR interaction: Novel therapeutics for macular degeneration and transthyretin amyloidosis
Xin Cui Mississippi State University, United States	Title: Selective and Sustainable Catalysis for Transforming C-H Bonds
Eva Falomir Jaume I University, Spain	Title: Aryl azole derivatives as potential disruptors of tumor microenvironment
Sabrina Spigno Federico II University, Italy	Title: Process based model of organic matter digestion and decomposition
Orchidea Maria Lecian Sapienza University of Rome, Italy	Title: New theorems from markov chains model for application to MSM's in protein folding and further applications

TENTATIVE PROGRAM

Ola Michalkiewicz Adam Mickiewicz University, Poland	Title: The potential of drug release systems in the treatment of ocular diseases
Sergey Suchkov Russian University of Medicine, Russian Federation	Title: Antibody-proteases as natural and translational tools of the next step generation to be applied for biodesign-driven biotech and personalized and precision medical practice
Sergey Suchkov Russian University of Medicine, Russian Federation	Title: Personalized and precision medicine (PPM) as a unique healthcare model to be set up through biodesign-Inspired, biotech-driven, chemical and bioengineering, translational applications and upgraded biomarketing to secure the human healthcare and biosafety
Stul Boris Ya Scientific Research University, Russian Federation	Title: Kinetics of the oxyethylation reaction of alcohols taking into account the influence of association. Apparent rate constants in the liquid phase chemical kinetics
Vladimir Makarov Melnikov Permafrost Institute, Russian Federation	Title: Assessment of the supply of uranium from the atmosphere of a northern city
Theodosios Geo Douvropoulos Hellenic Naval Academy, Greece	Title: Resonant transport time in Al _x Ga _{1-x} As/GaAs nanostructures and mass discontinuity: A semiclassical path integral approach.
Osman Adiguzel Firat University, Turkey	Title: Effect of phosphate on arsenate and monothioarsenate uptake in arabidopsis thaliana under hydroponic conditions
Zhongyue Zhou Shanghai Jiao Tong University, China	Title: Thermochemical conversion of biomass: probing oligomeric intermediates with online high-resolution mass spectrometry
Xueli Su Jingchu University of Technology, China	Title: Treatment of industrial wastewater of ammonia nitrogen by electrodialyzation-gaseous membrane method
Pangkuan chen Beijing Institute of Technology, China	Title: π -Conjugated luminescent chiral macrocycles and the open-shell radical cations
Xi Chen Harbin Institute of Technology, China	Title: Chemically induced proximity regulates protein function and degradation
Mirza Muhammad Faran Ashraf Baig The Hong Kong University of Science and Technology, China	Title: Recent advances of magnetic gold hybrids and nanocomposites, and their potential biological applications
Xi Liu Yunnan Cancer Hospital, China	Title: M6A demethylase ALKBH5 regulates FOXO1 mRNA stability and chemoresistance in triple-negative breast cancer
Ang-Yang Yu Zhejiang Sci-Tech University, China	Title: On the jahn-teller effects of B ₄ ⁺
Dae Dong Sung Samse Medical Center, Korea	Title: The role of chemistry in contribution to biomedicine recently
Moti Herskowitz Ben-Gurion University, Israel	Title: Hydrogenation of CO ₂ on Fe-based catalysts: Preferred route to renewable liquid fuels

TENTATIVE PROGRAM

Asiful Hossain Seikh King Saud University, Saudi Arabia	Title: Effect of micaceous iron oxide (MIO) and nano crystalline Al on the electrochemical behavior of aliphatic amine cured epoxy coating
Jinsong Wu University of Chile, Chile	Title: Environmental sustainability and intelligence as well as general green technologies
Zoraya Elena Lopez Cabana University of Talca, Chile	Title: Selenium nanoparticles stabilized in tannic acid: An innovative approach for combating infections caused by H. Pylori or candida albicans
Yarcely A. Rodriguez Lucart University of Talca, Chile	Title: Aniline quinones produce mitochondrial dysfunction and migrastatic effect on triple-negative breast cancer line MDA-MB-231
Zoia Voitenko Kyiv National Taras Shevchenko University, Ukraine	Title: Little-known condensed isoindoles transformations
Eleonora Afanasenko Odesa Mechnikov National University, Ukraine	Title: Supramolecular coordination tartrato-malatogermanates/stannates(IV): Synthesis, structure, biological activity
Lev Chernyak National Technical University of Ukraine, Ukraine	Title: Aspects of resource saving and technology in silicates chemistry
Vakhtang Barbakadze Tbilisi State Medical University, Georgia	Title: Sugar-based multicatechol-functional biopolymers: Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from medicinal plants of boraginaceae family with therapeutic efficacy
Iliana Ivanova Sofia University, Bulgaria	Title: Sol – gel synthesis of silica - poly (vinylpyrrolidone) hybrids with improved antibacterial properties
Andrea Monroy-Licht University of the North, Colombia	Title: Phytochemical analysis, antifungal and antibacterial screening of artocarpus altilis: Guyana flora extracts
Chetna Jain Gurugram University, India	Title: Nanotechnology for cancer treatment
Aditi Singhal Ahmedabad University, India	Title: Preparation and oxygen evolution reaction on nanoporous semi-transparent $\text{La}_{0.8}\text{Sr}_{0.2}\text{CoO}_3$ coatings: Stability and mechanism in neutral medium
Ayushi Mishra Babasaheb Bhimrao Ambedkar University, India	Title: A novel magnetic floral waste biochar for efficient removal of cationic dye from wastewater: A sustainable and economical approach
Yacob Mathai Marma Health Centre, India	Title: Paracetamol is the most unscientific and dangerous drug for fever. Anyone can create a fever within hours using antipyretic objects
Pradep Kumar Bhabha Atomic Research Centre, India	Title: Green Chemistry is need of present time. Use of supercritical fluids will significantly contribute towards global warming

TENTATIVE PROGRAM

Neetu Yadav GGIC, India	Title: Molecular interactions in biofuels
Shree Niwas Chaturvedi Centre For Aptitude Analysis & Talent Search, India	Title: Water splitting technology for efficient thermal energy conversion process
Xolile Fuku University of South Africa, South Africa	Title: CO ₂ as a useful waste to energy products
Shawn Gouws Nelson Mandela University, South Africa	Title: Characterization of IR-based catalysts for PEM electrolyser
Anush Hovakimyan National Academy of Science of Republic of Armenia, Armenia	Title: Synthesis and transformations of new heterocyclic systems: furo[2,3-c]-2,7-naphthyridines
Awad I. Ahmed Mansoura University, Egypt	Title: The role of reduce graphene oxide content on the adsorption-enhanced photocatalysis and antibacterial activity of reduced graphene oxide/ bismuth tungstate nanocomposites
Raghda El-Nagar Egyptian Petroleum Research Institute (EPRI), Egypt	Title: Studies on the performance of aryl imidazolium ionic liquids on asphaltene Inhibition
Brij Bushan Tewari University of Guyana, Guyana	Title: Thermomechanical processes and transformations in shape memory alloys
Toirova Gulshoda Termiz State University, Uzbekistan	Title: Selective adsorption capacity of grape marc hydrogel for adsorption of binary mixtures of dyes
Abdelmjid Bouazizi Moulay Ismail University of Meknes, Morocco	Title: Low-cost ceramic TiO ₂ -doped ZrO ₂ /pozzolan-based nanofiltration membrane for removal of dyes and heavy metal solutions
Nessrine Soli University of Gabes, Tunisia	Title: Absorption-diffusion refrigeration machine: A case study of low carbon alkanes used as refrigerants
Wahid Belam Carthage University, Tunisia	Title: Structure, electrical and magnetic properties of Cu-Ni substituted cobalt ferrite nanoparticles CuXCo _{0.8} -XNi _{0.2} Fe ₂ O ₄ synthesized by sol-gel autocombustion process
Ibrahima Sakho Iba Der Thiam University of Thiès, Senegal	Title: Calculations of resonance energies of rydberg series of S ⁴⁺ ions in the framework of the modified atomic orbital theory
Wahid BELAM Carthage University, Tunisia	Title: Structure, electrical and magnetic properties of Cu-Ni substituted cobalt ferrite nanoparticles CuXCo _{0.8} -XNi _{0.2} Fe ₂ O ₄ synthesized by sol-gel autocombustion process
Waly Diallo Cheikh Anta Diop University, Senegal	Title: Crystal structures of some chelated magnesium containing malonate and methylphenylsulfonate oxyanions. Characterization with IR, UV-vis and multinuclear NMR(25Mg, 1H, 13C) spectroscopies, TGA analysis and X ray diffraction analysis

TENTATIVE PROGRAM

Birame Ndiaye Cheikh Anta Diop University, Senegal	Title: Conformational analysis of a cyclic AKH neuropeptide analog that elicits selective activity on locust versus honeybee receptor
Kung Chung Yuan National Chung Hsing University, Taiwan	Title: The formation of the four-way symmetric translational tiles (crystal) and corresponding unit cells
Kung Chung Yuan National Chung Hsing University, Taiwan	Title: The formation of the periodic translational Penrose tiles (crystal) and their corresponding unit cells
Ahmad Omar Hasan Al Hussein Bin Talal University, Algeria	Title: Extracted handal seed oil (Citrullus Seeds) used as biodiesel fuel in 6V diesel engine
Merzouk Zatout Kasdi Merbah University, Algeria	Title: Modeling of water flooding effects during enhanced oil recovery
Elmeliani Sonayrach, Algeria	Title: Synthesis of antifungal by the use of green catalyst
Adelagun Ruth Olubukola Ajoke Federal University Wukari, Nigeria	Title: Removal, recovery and reuse of resource in waste streams: Challenges, management and solutions
Lukman Bola Abdulrauf Kwara State University, Nigeria	Title: $[C_{20}H_{24}CuNa_2O_{18}S_4]_n$ complex compound synthesis and analysis
Ibrahim Abdulganiyyu A The Jigawa State Polytechnic, Nigeria	Title: Dispersive liquid-liquid microextraction/HPLC techniques for determination of oxytetracycline and doxycycline residues in beef samples: Method developments and statistical analysis
Payam Arabkhani Islamic Azad University, Iran (Islamic Republic of)	Title: Recent advances in advanced oxidation processes in treating PFAS contaminated wastewaters
Farshad Akbarnejad Dr. Akhavi Lab Co., Iran (Islamic Republic of)	Title: The role of green tea (camellia sinensis) in the management of androgenetic alopecia (AGA): A review
Farshad Akbarnejad Dr. Akhavi Lab Co, Iran (Islamic Republic of)	Title: Malva sylvestris L. application in dermatology
Gholamreza Heydari Shahid Beheshti University of Medical Sciences, Iran (Islamic Republic of)	Title: Evaluation of the effects of PAKDAM, an invented device to get nitrous oxide and oxygen, in the consumers – A report of pilot study in tehran 2022
Sevda Mozaffari Tobacco Prevention and Control Research Center, Iran (Islamic Republic of)	Title: Evaluation of the effects of PAKDAM, an invented device to get nitrous oxide and oxygen, in the consumers – A report of pilot study in tehran 2022
Mohammad Ebadollahi K.N.Toosi University of Technology, Iran(Islamic Republic of)	Title: Feasibility study of using green technologies in order to supply energy and waste management of direct reduction iron plant
Radhiyah M. Aljarrah Kufa University, Iraq	Title: Study the effect of doping with silver nanoparticles on the properties of zirconium dioxide membranes and their effect on it as NO ₂ gas sensor

TENTATIVE PROGRAM

Javeed Ashraf Awan University of the Punjab, Pakistan	Title: Tri-generation system for the production of electricity, hydrogen and green ammonia as sustainable solution towards energy mix and carbon neutrality
Syed Tasadaque Ali Shah Sukkur IBA University, Pakistan	Title: Synthesis of monoacylglycerols (MAGs) lipids for the use in In meso crystallisation of membrane proteins

Oral presentation slots are available!!!

Poster Presentations

Vladimir Voronov Irkutsk National Research Technical University, Russian Federation	Title: Use of high-resolution NMR spectra transformed by paramagnetic complexes for studying molecular structure.
Olga Pshenitsyna Perm State Agro-Technological University, Russian Federation	Title: Nucleophilic functionalization of tropyl salts by heterocyclic amines, amides or hydrazides of carboxylic acids
Khaled Alshammari King Fahad Security College, Saudi Arabia	Title: Photoluminescent cellulose nanofibers reinforced alginate hydrogel with color tunable and self healing properties for authentication applications
Proma Bhattacharyya Presidency University, India	Title: Two level system-A paradigm for analyzing fundamental quantum mechanical phenomena
Deepak Wadhwa Chaudhary Bansi Lal University, India	Title: Unveiling thioredoxin inhibitor potential: Synthesis and characterization of thiazole compounds
Nasr Litim Monastir National Engineering School, Tunisia	Title: Benefit study of ecological compounds GALACID XT 88 based on lactic acid and GALASOLV NF 62 based on ethyl lactate and their impact on the surface and mechanical properties of cotton fabrics
Tesfay Welderfael Aksum University, Ethiopia	Title: Effects of doping aluminum and poly(vinyl alcohol) in nanosize ZnO on photocatalytic degradation of methyl orange under sunlight
Balaman-Zizi Ouafia University of Science and Technology Houari Boumediene, Algeria	Title: Study of the treatment of stabilized leachates by combination of coagulation-flocculation and adsorption on activated carbon
Diab Hamida Somifer, Algeria	Title: Mechanism of formation, mineralogy and geochemistry and geochemistry of the OOIDAL Ironstone of DJEBEL had, northeast algeria
Fatma Bendimerad Mouttas University of Abou Bekr Belkaid Tlemcen, Algeria	Title: Phytochemical study and biological activities of organic extracts flower heads, leaves, and roots of rhaponticumacaule L.(DC) from northwestern algeria
Amina Bentaleb University of Bejaia, Algeria	Title: Waste valorization as reinforcement for high impact polystyrene (HIPS) recycled from waste electric and electronic equipement

TENTATIVE PROGRAM

Ali Ahmed Samira M. Mammeri University of Tizi-Ouzou, Algeria	Title: Energy recovery of plants used in phytoremediation of soils polluted with fuels
Boukerrou University of Bejaia, Algeria	Title: Effect of mechanical properties on the miscibility of a PHBV/PP blend
Adel Saadi USTHB University, Algeria	Title: The role of ZnO/Co ₃ O ₄ nanocomposite in the photocatalytic degradation of diclofenac present in wastewater
Shixaliyev Kerem Sefi Azerbaijan State Oil and Industry University, Azerbaijan	Title: Study of modification of butadiene nitrile polymer with comode
Saadi USTHB University, Algeria	Title: The role of ZnO/Co ₃ O ₄ nanocomposite in the photocatalytic degradation of diclofenac present in wastewater
Ifeoma MaryJane Iloamaeke Nnamdi Azikiwe University, Nigeria	Title: Production of surfactant from the oreochromis niloticus fish: Synthesis and characterization
King Bwaila Malawi College of Health Sciences, Malawi	Title: GC-MS analysis, molecular docking, and pharmacokinetic studies of multidentia crassa extracts compounds for analgesic and anti-inflammatory activities in dentistry
Asadolah Farhadi Petroleum University of Technology, Iran(Islamic Republic of)	Title: Preparation of ceramic nanocatalyst based on egg shell by ultrasonic wave method and checking its performance in the synthesis of some medicinal compounds.

Poster presentation slots are available!!
